



2021

# BROCHURE

Ascent College is a licensed private career college offering highly specialized post-secondary level programs in Information Technology – particularly Artificial Intelligence and Cyber Security.

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WHY CHOOSE

# Ascent College?

Ascent College presents the best of two worlds: experienced academic/administrative staff and state of the art facilities, including hardware and software linked to domain leaders in the programs offered. We know that studying is not an end in itself; it is a tool, a way to discover brand new technologies and a door opening to a bright future.

**To achieve our responsibilities towards our students we take the engagement to:**

- ✓ Offer industry experts to teach and coach
- ✓ Provide practical training with updated facilities
- ✓ Offer competitive tuition fees

Additionally, in order for you to add value to your resume, you will acquire essential knowledge to assure long term growth and allow you to work in a rapidly evolving environment.





# Why study in Quebec?





Quebec attracts thousands of students from all across Canada and countries all around the world. With Universities recognized among the best around the world and over one hundred colleges offering studies ranging from health, sciences, administration, computer science, humanities and arts, and technologies in more than 120 programs, Quebec is a hub in education. Teachers come from around the world to engage in research and teaching.

To study in Quebec is to study in a province where French is the official language, with the possibility to be able to communicate in many languages. Quebec is an affordable, vibrant and multicultural province that is dedicated to providing you with the best possible student experience. You can live a European lifestyle without being in Europe; you can enjoy picturesque landscapes, great quality of life, international experiences and intercultural exchange, making Quebec a favorable destination for all students.

In addition, Montreal is one of the most affordable cities in Canada for students to live in. The cost of living in Quebec is lower than the national average, and Montreal offers a safe and diverse environment and a great quality of life. This means that students can maximize their savings as accommodation, transportation, food, daily expenses and other living expenses are lower than most cities across Canada. Montreal really has all the ingredients to help you achieve what you have planned for your future career.



Very flexible  
immigration route



Student Centric  
Cities



High Quality of  
Education



Low cost of living  
(housing, transportation,  
necessities and entertainment)



Affordable Tuition  
Fees



Great demand for  
skilled workers and  
easy to find  
employment

### Modern Living in a Picturesque Setting

Home to some of the most breathtaking natural wonders. Including thousands of lakes and waterways, majestic mountains and hills, and provincial parks. Whether you are an avid adventurer or an explorer, Quebec has something for everyone.

# Career-focused education in cutting-edge technology programs.

For us at Ascent College of Technology, it made perfect sense that the next generation of our labour force would be needed in the areas of Artificial Intelligence and Network Security for developing applications.



Accelerated training reduces  
go to market time



Hands-on training builds  
job-oriented skills



Affordable tuition fees



Conveniently located  
near major highway  
and metro station



Licensed and  
accredited courses



Hybrid Class model  
(online & in-class)



Targeted course content  
ensures structured learning



Ministry of Higher Education  
approved programs ensure  
greater likelihood of future  
success

# Genesis of Ascent College of Technology Inc.



Artificial intelligence and Machine Learning (AIML) is reshaping business — though not at the blistering pace many assume. True, AI is now guiding decisions on everything from crop harvests to bank loans, and once pie-in-the-sky prospects such as totally automated customer service are on the horizon. The technologies that enable AI, like development platforms, vast processing power and data storage, are advancing rapidly and becoming increasingly affordable. The time seems ripe for companies to capitalize on AIML. It is estimated that AIML will add \$13 trillion to the global economy over the next decade (Source: Building the AI Powered organization, HBR, July- August 2019 issue). With the increasing pace of adoption, AIML would become ubiquitous, spreading across every aspect of business and our daily lives. The increased adoption of AIML is likely to bring in security challenges.

For us at Ascent College of Technology, it made perfect sense that the next generation of our labour force would be needed in the areas of Artificial Intelligence and Machine Learning for developing applications. As this AI-based digital transformation takes shape, and this increased adoption would in parallel cause cyber security threats to rise, it became clear the market will require trained resources that have expertise in Network Security and Ethical Cyber Piracy (NSECP) as well. The paradox is that AIML would be used in NSECP to protect organizations from emerging threats.

Eureka! This made perfect sense to launch a cutting-edge college offering IT-specialized programs in the emerging areas of AIML and NSECP.

Our College is promoted by professionals with vast experience in Collegial studies who are passionate to ensure the success of their students.



# LEA.DH Artificial Intelligence and Machine Learning

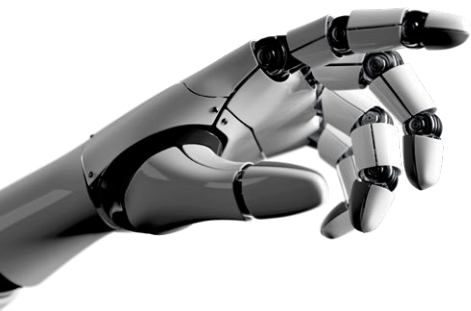


## Program Overview

The Artificial Intelligence and Machine Learning (AIML) program is designed to put you on the path to an exciting, evolving career that is predicted to grow sharply into 2025 and beyond. Artificial intelligence and Machine Learning will impact all segments of daily life by 2025, with applications in a wide range of industries such as healthcare, transportation, insurance, transport and logistics and even customer service. The need for AI specialists exists in just about every field as companies seek to give computers the ability to think, learn and adapt.

In this program, you will learn the use of mathematics, programming approaches (deep learning, unsupervised learning, data preprocessing, etc.) programming tools (frameworks, libraries, and languages like Python and R) in the particular context of artificial intelligence.





## Program Outline

The AIML program provides training in the skills required for a career in AI. You will master TensorFlow, Machine Learning, and other AI concepts, plus the programming languages needed to design intelligent agents, deep learning algorithms & advanced artificial neural networks that use predictive analytics to solve real-time decision-making problems.

You will design and build your own intelligent agents and apply them to create practical AI projects including games, machine learning models, logic constraint satisfaction problems, knowledge-based systems, probabilistic models, agent decision-making functions and more

You will also understand and master the concepts and principles of machine learning, including its mathematical and heuristic aspects.

## Skills Gained

- ✓ Use programming languages
- ✓ Solve computer problems with mathematics
- ✓ Exploit the principle of object-oriented programming
- ✓ Develop transactional web applications
- ✓ Develop game or simulation applications

## Top Career Choices:

- ✓ Artificial Intelligence Analyst
- ✓ Artificial Intelligence Programmer
- ✓ Machine Learning Analyst
- ✓ Application Developer
- ✓ Data Scientist

You will use the skills and competencies gained during the program to build and present a final project.


## ADMISSION CONDITIONS

- Bachelors or Equivalent
- Overall IELTS 6.5 (nothing less than 5.5 band in any one individual module) | 6.0 band and above with nothing less than 6.0 band in any individual module.
- We are also considering TOEFL, PTE and DUOLINGO scores for January 2021 intake.



## DURATION

2 Years / 4 Semesters



# LEA.DJ Network Security and Ethical Cyber Piracy



## Program Overview

The Network Security and Ethical Cyber Piracy (NSECP) program is designed to meet the high demand for information system security analysts and related IT security professionals across multiple sectors – including consulting services, finance and health care. Students graduating from this program will enter into a specialized information and communication technology (ICT) field. They will have the capabilities to assess and evaluate security risks and threats to physical and digital infrastructure, develop and implement security contingency planning, and lead the development of policies and procedures to ensure that security risk is minimized. This program also has a CISCO accreditation; upon graduation from the program, students who meet the requirements will also be CISCO certified.

The average salary for a Network Security/Cyber Security professional in Canada is \$ 85,582 (Source: Payscale.com)





## Program Outline

The NSECP program provides training in skills required for a career in Network Security or Cyber Security. You will develop and implement network and cybersecurity solutions considering the affordances and limitations of the computer operating systems, networks, application software, and packages available.

You will develop best practices, strategies and processes to protect business resources through the application of knowledge of vulnerabilities and exploits.

You will plan, implement, and evaluate cybersecurity policies and strategies using project management principles to effectively respond to the needs of the organization's information security requirements.

You will perform security audits to ensure risk mitigation and compliance with security plans, policies, standards, regulations and best practices.

## Skills Gained

- ✓ Process information relating to the realities of the computer work environment
- ✓ Use programming languages
- ✓ Deploy a local computer network
- ✓ Carry out information security prevention activities
- ✓ Deploy Intranet servers
- ✓ Deploy Internet servers
- ✓ Deploy computer network interconnection devices
- ✓ Use and adapt management methods and tools

You will use the skills and competencies gained during the program to compile and produce a final project. This program is officially accredited with CISCO.

## Top Career Choices:

- ✓ Network Security Analyst
- ✓ Network Security Administrator
- ✓ Security Consultant (Computing / Networking / Information Security)
- ✓ Cybersecurity Analyst
- ✓ Certified Information Systems Security Professional
- ✓ Security Architect
- ✓ Ethical Hacker



## ADMISSION CONDITIONS

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## DURATION

2 Years / 4 Semesters

# Student Services

## Admissions Office

Our admission advisors are always available to meet with prospective students regarding:

- ✓ Program information
- ✓ Admission requirements and process
- ✓ Financial aid
- ✓ Flexible payment plans
- ✓ Campus tours
- ✓ Becoming a student for a day
- ✓ Orientation and open house events

## Other Services

### Campus Life

The Student Services Office organizes social events and activities on a regular basis.

- ✓ Immigration information session
- ✓ Cultural celebrations
- ✓ Sports activities
- ✓ Integration activities for new students

**The Admissions office is open from Monday to Friday, 8:30 to 4:30. Eastern advanced time**

**To book an appointment with an advisor, you can write to us directly at [info@ascentcollege.ca](mailto:info@ascentcollege.ca)**

## Professional Development

- ✓ Internship placement
- ✓ Job placement after graduation
- ✓ Career advising
- ✓ Resume/cover letter workshops
- ✓ Career development workshops

## Financial Aid

The Financial Aid Office provides different types of financial assistance to students in need who are enrolled full-time at Ascent College. We can assist with your financial aid application with the Quebec government\*. Flexible payment plans are available for students.

**\*For Canadian citizens and permanent residents only.**



## Student Services

- ✓ Orientation & Welcome Week
- ✓ Part-time job search
- ✓ Apartment search
- ✓ Support for international students
- ✓ Request an OPUS card for public transportation

## Front Desk Services

- ✓ Printing services
- ✓ Student document requests

## Academic Advising

Academic Advising is an information service designed to help all students with educational decision making. Our advisers will help you set an educational plan during your time at Ascent College.

The team will provide you with information regarding:

- ✓ Program structure
- ✓ Course selection
- ✓ Schedule planning



# Campus Facilities



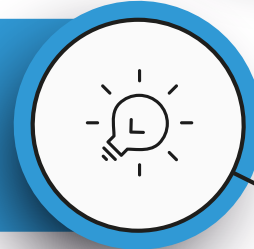
1

*QUALIFIED  
TEACHERS*



2

*NEW  
STUDENT  
ORIENTATION*



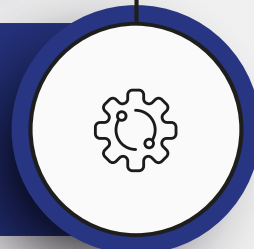
3

*ACADEMIC  
ADVISING*



4

*INTERNSHIPS*







**STUDENT  
GROUPS** **5**



**SOCIAL &  
CULTURAL  
ACTIVITIES** **6**



**CISCO  
CERTIFICATION** **7**



**PERSONALIZED  
ADMISSIONS** **8**



# Campus Facilities

Our main campus is conveniently located at the corner of Cremazie Boulevard and Christophe-Colomb Avenue, just 15 minutes from downtown Montreal. Directly in front of the campus, you will have direct access to the highway (Autoroute 40) and major arteries. Outdoor parking is available with 24-hour security. The Cremazie Metro subway station is only a few minutes down the road.

Other amenities nearby include the Marché Central shopping centre, and a variety of restaurants. There is also a café conveniently located on the main floor of the building, serving hot drinks and warm meals throughout the day, plus a wellness center within the building

The facility includes a welcoming reception area by the entrance, three offices and four classrooms/labs, and a conference room. Restrooms are just a few steps down the hall.

## Our Dedicated Learning Facilities

Each of our classrooms features 20+ seats with fully equipped workstations, plus one main instructor station at the front of the room. Instructors are fully accredited in their respective courses and will have access to a variety of interactive educational tools, including smartboards to lead each session.



Our facilities are designed with the student's best interest at heart. Every space aims to unlock the student's true potential. Student success is at the core of what Ascent College stands for.



**Normand W. Bernier, MBA**

Academic Dean, Ascent College of Technology



# Admissions

Ascent offers groundbreaking programs and lively experiences in student life. Become familiar with our admission requirements and learn what you will need to present based on your academic background. Our admission team is ready to guide you through this process to ensure you make the right decision for your future.

Choose to learn in the historic, vibrant, and diverse city of Montreal.

Further improve your long-term success by immersing yourself in a dynamic, multicultural, and bilingual environment.



## Education Services

The Ascent College of Technology offers programs with an international perspective. Staff provide a range of support services to assist students in their personal and educational journeys. The College strives to prepare its students not only to become experienced and efficient technicians but also responsible, respectful and open citizens to the realities of the 21st century.



## International Hub

With students coming from several countries from all over the world applying for programs and enjoying high-end services offered by the college, Ascent College is the exceptional choice for your educational journey..



## Accredited Programs

Our programs focus on the core subject matters of the area of study (offered in 2-year programs). All of our programs are recognized by the Ministry of Higher Education, reputable employers, and different licensing and certification boards (including CISCO, Microsoft, and more).



## College Life

Your college experience is more than just attending classes, reading textbooks, doing assignments, and taking tests. Your time at Ascent represents a journey of growth, learning, and discovery. You'll gain new knowledge and skills and develop relationships that can last a lifetime.





# How to Apply

- 1 Submit an application form**  
Fill out an application form and send scanned copies of the required documents to [info@ascentcollege.ca](mailto:info@ascentcollege.ca) or your local representative.
- 2 Application is reviewed**  
Once the documents are received and the application is processed, you will receive a pre-admission letter asking you to pay a deposit fee.
- 3 Pay the deposit**  
After the deposit fee is collected by the college, an official Conditional/Unconditional Letter of Acceptance will be issued.
- 4 Apply for your CAQ and Study Permit**  
(Very important)
- 5 Update us about your status**  
Notify our admissions department once your CAQ and Study Permit have been approved by sending us the scanned copies via email.
- 6 Attend Orientation**  
Plan to complete your registration in person upon arrival at our campus. (Hard copies of your original documents, passport and study permit will be required)

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## Things To Know First

We are pleased that you are interested in Ascent College!

- ✓ Due to high application volume, we process international applications on a priority basis.
- ✓ Visa processing times, program availability and regional application volumes being key considerations.
- ✓ Applications are also considered based on the academic quality of the candidates and international student body diversity.
- ✓ If you are considering joining us, please discuss with your dedicated representative the Ascent College admission requirements at the time you wish to apply.

## When To Apply?

Intake (desired start)	Application Deadline	Decision
January	October 15	November 15
May	February 15	March 15
September	May 5	June 15
Please contact your local representative for more details.		



ASCENT  
COLLEGE

## Ascent College of Technology



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1-514-727-4041



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